



# 6 OPzS 300

## 2V - 300 Ah



### Electrical Specifications @ 20°C

Nominal Voltage		2 V
Capacity	C10 / 1,80V	310 Ah
	C5 / 1,77V	268 Ah
	C3 / 1,75V	234 Ah
	C1 / 1,67V	171 Ah
Self Discharge	per Month	≈ 2 %
Resistance	fully charged	≈ 0,58 mΩ
Float Charge	+/- 1%	2,23 Volt
Boost Charge	+/- 1%	2,35-2,40 Volt
Boost Charge Max. current	Max 6h	1,5x I10 Ampere
Short Circuit		3438 Ampere
Temperature correction factor		- 4 mVolt / °C

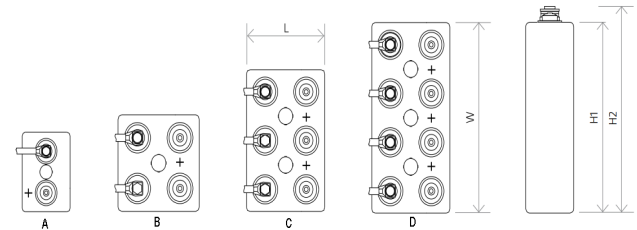
### Other Specifications @ 20°C

Design Life @ 20°C	20 Years
Design Life @ 30°C	10 Years
Design Life @ 40°C	5 Years
Dimensions (LxWxH1) ± 3	145x206x420 mm
Total Height (H2)	420 mm
Operation temp	-20 to 55 °C
Recommended temp	10 to 30 °C
Depth of Discharge DOD	up to 80 % Max.
Case / pole settings	ABS / A A/B/C/D
Terminal	M10 bold
Torque setting	20 ± 1 Nm
Weight ( Dry / Wet )	18 / 26 kg

### Innovative Features

- Positive electrode tubular - plate with a polyester gauntlet in Corrosion resistant LA-PbSbSe - alloy
- Negative electrode grid - pasted type with long-life expander material
- Separation micro porous separator
- Electrolyte sulphuric acid with a density of 1,24 kg/l
- ABS, high impact transparent SAN container
- Plug for arresting aerosols - ceramic plugs according DIN 40 740
- Sliding Pole - bushing 100% gas- and electrolyte-tight
- M10 brass insertion pole
- Connectors, flexible insulated copper cables

### Dimensions / Pole settings



### Constant Current Discharge - Ampere @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	127	124	100	72	57	49	42	38	31	27	14,3
1,87	174	147	115	82	65	54	47	41	34	29	15,1
1,83	215	177	132	92	71	59	51	44	36	31	15,5
1,80	246	197	143	97	75	62	53	46	37	31	17,4
1,75	289	221	155	103	78	64	54	46	38	32	17,7
1,70	319	244	165	105	80	64	56	48	39	32	17,9

### Constant Power Discharge - Watt @ 20°C

V/Cell	15 Min	30 Min	60 Min	2h	3h	4h	5h	6h	8h	10h	20h
1,90	242	236	193	139	112	94	82	75	61	53	28
1,87	329	278	218	157	124	105	91	80	66	56	30
1,83	397	329	244	172	135	112	97	84	69	59	30
1,80	448	360	263	180	141	117	100	88	71	59	34
1,75	516	398	282	190	145	120	102	87	72	60	35
1,70	554	435	297	192	147	120	105	90	74	61	34

EN201711-1

Your Wing Dealer :

